

ABSTRACT OF THE DISCLOSURE

A peritoneal dialysis solution that is biochemically balanced to correct metabolic acidosis associated with chronic renal failure in a more physiological manner.

5 The peritoneal dialysis solution has a physiological pH, e.g., pH of 7.0 to 7.4, and contains bicarbonate at a concentration that is found in ^{normal blood} ~~involved in~~ ~~diffusive transport of solutes with dialysis fluid.~~ 6/30/94

10 Additionally, the solution contains carbon dioxide at a partial pressure that is similar to partial pressure of carbon dioxide found in the ^{normal blood} ~~capillaries.~~ ~~The~~ 6/30/94
peritoneal dialysis solution also contains a weak acid with a pKa of less than 5.0.

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